

Notice of Allowability

Application No.

10/709,944

Examiner

Bentsu Ro

Applicant(s)

RODNUNSKY ET AL.

Art Unit

2837

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to applicant's amendment filed 4/27/2005.
2. ☒ The allowed claim(s) is/are 1-56, 58, 62 and 64-77.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the specification, delete paragraph [0046].

In specification, between paragraphs [0058] and [0059], insert the following paragraph [0058.5] as follows:

[0058.5] Figure 13 is a perspective view of a nested dependent embodiment comprising a nested dependent embodiment utilizing a tag line.

In the specification, paragraph [0130], line 1, change **"Figure 1P"** to **--Figure 13--**.

In the drawing, delete Fig. 1P.

2. Applicant must submit a new sheet of formal drawing Fig. 13. The new sheet of formal drawing Fig. 13 must be labeled as "New Drawing Sheet" or "New Sheet".

Art Unit: 2837

3. Any inquiry concerning this communication should be directed to Bentsu Ro at telephone number 571 272-2072.

6/2/2005

Bentsu Ro

Bentsu Ro
Senior Examiner
Art Unit 2837

Please enter
Ro 6/2/2005

Application/Control Number: 10/709,944
Art Unit: 2837

Page 2

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the specification, delete paragraph [0046].

In specification, between paragraphs [0058] and [0059], insert the following paragraph [0058.5] as follows:

[0058.5] Figure 13 is a perspective view of a nested dependent embodiment comprising a nested dependent embodiment utilizing a tag line.

In the specification, paragraph [0130], line 1, change "Figure 1P" to --Figure 13--.

In the drawing, delete Fig. 1P.

2. Applicant must submit a new sheet of formal drawing Fig. 13. The new sheet of formal drawing Fig. 13 must be labeled as "New Drawing Sheet" or "New Sheet".

Insert
Paragraph.

Specification

embodiment showing dependence of X line side and Y line side with respective bull wheels thereby configured to always align the rod with the vertical independent of position and with use of a minimum of one line total in the system.

[0045] Figure 1N is a perspective view of a nested dependent embodiment comprising a Y reeving nested above an X reeving with a passively or actively stabilized platform enabling level support and movement of the platform.

delete this paragraph. [0046] Figure 1P is a perspective view of a nested dependent embodiment comprising a nested dependent embodiment utilizing a tag line.

[0047] Figure 2 is a perspective view of the X-axis reeving.

[0048] Figure 3 is a perspective view of the Y-axis reeving.

[0049] Figure 4 is a top view of a rectangular embodiment of the system.

[0050] Figure 5 is a top view of a quadrilateral embodiment of the system where no two sides are required to have the same length.

[0051] Figure 6 is a perspective view of an embodiment of the platform.

[0052] Figure 7 is a perspective view of an embodiment of the

Specification

platform.

[0053] Figure 8 is a perspective view of an embodiment of the platform utilizing a passive or active stabilized platform.

[0054] Figure 8A is a perspective view of an embodiment of the platform utilizing a passive or active stabilized platform and counterweight.

[0055] Figure 9 is a top view of a scalene triangular embodiment of the system where no two sides are required to have the same length.

[0056] Figure 10 is a close up view of the reeving comprising line support elements.

[0057] Figure 11 is a perspective view of an embodiment of the platform comprising two line support elements per side.

[0058] Figure 12 shows reeving of a single line embodiment.

Insert Paragraph [0058.5] →

[0059] Figure 14 shows a logical reeving diagram.

[0060] Figure 14A shows a logical reeving diagram without line travel between supports employing two lines.

[0061] Figure 14B shows a logical reeving diagram without line travel between supports employing one line total.

[0062] Figure 14C shows a logical reeving diagram without line travel between supports employing two lines wherein both lines terminate without returning to the Z movement de-

sheaves 120, 121, 122 and 123 can double as generators. By displacing line into the negative Y-axis, sheave 122 rotates while line is being removed from the positive Y-axis side of the system, thereby rotating sheave 120 and therefore sheave 120 and 122 can charge a battery coupled with rod 800 which may be utilized to power sheaves 121 and 123 or apply breaking pressure to sheaves 121 and 123.

[0130] Figure 13¹³ is a perspective view of a nested dependent embodiment comprising a nested dependent embodiment utilizing tag line 21. Although two lines are shown in this embodiment, there is no limit to the number of tag lines that may be utilized with any embodiment of the system. The tag line may be utilized to rotate rod 800 with respect to the vertical axis when coupled with rod 800 at an offset from a second reeving system, here shown as an X-axis reeving utilizing one rope. Any known reeving system may be utilized as one reeving and any other known reeving system may be utilized as a second reeving nested at an offset along rod 800 in order to allow for rotation of rod 800. For example, tag device 102w may be a winch in this embodiment that is utilized to pull the upper portion of rod 800 towards the support housing tag device 102w.



Fig. 1P

Fig. 1P.